AMMUNITION LOT NUMBERS

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- REFERENCES:

MIL-STD-1168B

Ammunition Lot Numbering and Ammunition Data Card

MIL-HNDBK-1461A

AMMUNITION MANUFACTURERS AND THEIR SYMBOLS

AMMUNITION LOT NUMBERS

- What is a lot number?
- What does it provide?
  - → Simply, a lot number is a unique code number assigned to a quantity or batch of a single ammunition end item (complete round, major component, propellants, etc.) which are manufactured or assembled by one producer under uniform conditions and which is expected to function in a uniform manner.

AMMUNITION LOT NUMBERS

- What does it provide? (cont.)
  - → All end items assigned to an ammunition lot must be homogenous—all production units must be produced by one manufacturer in one unchanged process, under stable production conditions in accordance with the same drawings and specifications. The same lot number is systematically assigned to each end item in the batch.

AMMUNITION LOT NUMBERS

- What does it provide? (cont.)
  - → Lot number tracking provides ammunition inventory managers and program managers, with valuable logistics information including location, quantity, material condition and serviceability.
  - → Lot number tracking also facilitates the expeditious reporting of item malfunction/mishap information, which may impact all rounds in the lot at all existing storage locations.

AMMUNITION LOT NUMBERS

- The main intent of lot number formats is to identify three key information points: who made it, when it was made and a unique reference to the homogenous production run.
- Ammunition lot number or serial number provides for an items identity for without it, it has lost its identity.

AMMUNITION LOT NUMBERS

A. **<u>Old system</u>** - Prior to 1975.

1. Four Lot Number formats based on type ammunition

2. Suffixes were used in the old system.

B. **<u>New system</u>** - 1975 - ?

1. Standardized lot numbering.

2. Propellant lot numbering.

a. 5 digit serial #, is also the propellant index #, this is used with **NAR's** to identify suspect items.

OLD LOT NUMBERING SYSTEM

IVI - 1 - 30 B

MANUFACTURER INTERFIX NUMBER SERIAL NUMBER SUFFIX

Note: The interfix number indicates a specific design or manufacturing procedure.

The serial number identifies the lot according to the sequence of production.

The suffix indicates reworked or renovated material.

OLD LOT NUMBERING SYSTEM

NOTE: For the purpose of clarity, spaces have been put in the lot number examples, however, lot numbers **NEVER** have spaces left in them.

NAVY GUN AMMUNITION:

BE - 374 - HAW - 76

LOT PREFIX	SERIAL NUMBER	ASSEMBLY ACTIVITY	YEAR ASSEMBLED

NOTE: Refer to the **Index of Ammunition Lot Prefixes** for identification of prefixes.

OLD LOT NUMBERING SYSTEM

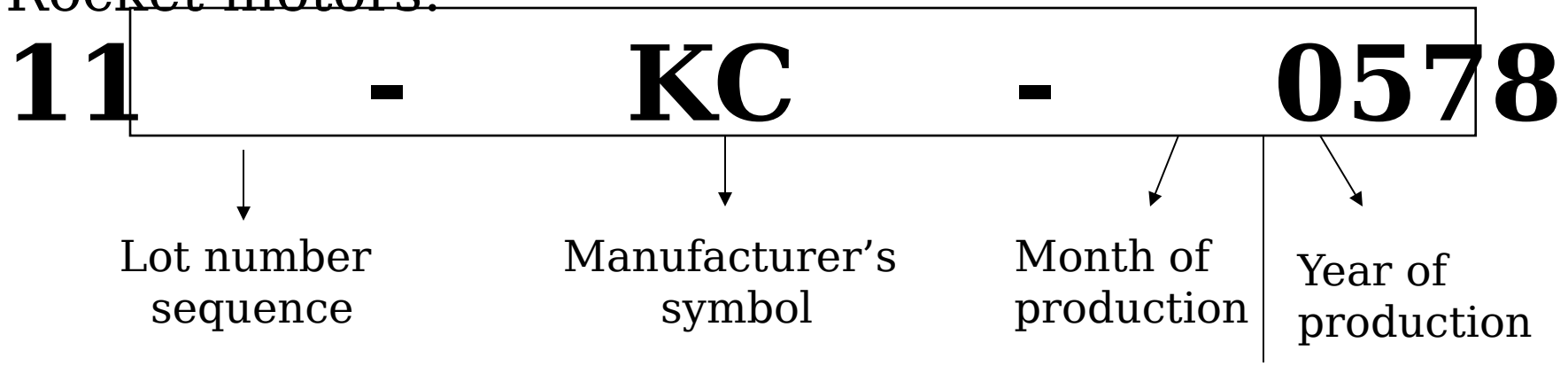
- Special note on this old lot number style: Some times the year of assembly may on the container/item, however, if it is not part of the lot data card for that lot or not a serial number do not include it on material condition tags, barcode labels and in ROLMS (Retail Ordnance Logistics Management System).
- Record and report it as shown on the lot data card.
- If this last set of numbers is a serial number than report it as you normally would for any lot/serial number controled item.

WRA - 22338 - 66

MANUFACTURER LOT SEQUENCE YEAR

OLD LOT NUMBERING SYSTEM

Utilized in the 1940s, 50s, & 60s.
Pyrotechnics, marking & screening devices, and some Rocket motors:



MIL-STD-1168B
CURRENT DIRECTION FOR AMMUNITION LOT NUMBERS

The **AMMUNITION LOT NUMBER will not** exceed **14** characters in length and **no** characters will be separated by spaces. The minimum number of characters used in the new system will be **13**. If a one or two character manufacturer identification code is used, then the remaining positions of the three character field will be filled in by dashes (-), i.e., A--, AB-.

CH-89F001-110

NOT MEASUREMENT SENSITIVE

MIL-STD-1168B
10 June 1998
SUPERSEDING
MIL-STD-1168A
28 February 1975

DEPARTMENT OF DEFENSE STANDARD PRACTICE

AMMUNITION LOT NUMBERING AND AMMUNITION DATA CARD

AMSC A7313 FSC 1395

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

STANDARDIZED LOT NUMBER

MFR Codes
MIL-STD-1461
3 Characters

MIL-STD-1168A and MIL-STD-1461

WCF98A001-001A

YR/MO (3)
A - Jan
B- Feb
C - Mar
D - Apr
E - May
F - Jun
G - Jul
H - Aug
J - Sep
K - Oct
L - Nov
M - Dec

Interfix (3)

001-999

Lot ID code (1)
Dash (-) if no ID code
A - First Article
C - Calibration lot
E - Experimental lot
G - Regrouped lot
H - Hybrid lot
L - Linked lot
M - Modified lot
P - Prod. Cntl. Lot
R - reference lot
S - Special lot
V - Overhauled lot

Sequence (3)

001-999

Suffix (1)
A-Z
minus E
I
O
X

NOTES:
13 Characters min
14 Characters max
3 character MFR
No spaces

NOTE: *I IS NOT USED*

NOTE: *MC used "Y" to ID SWA assets*

AMMUNITION LOT NUMBERS

EXAMPLE: If lot number ABC77A001-001 goes into Bldg. 419 and is overhauled, it's identity will then become ABC77A001**V**001. **(The lot identifier code takes the place of the dash (-) between the interfix and sequence number.)**

AMMUNITION LOT NUMBERS

- Smoke Grenade Lots (G924)
  - → *1023-63-1001*
  - → *PBA-1-3*
  - → *PBA-500-1*
  - → EA-X035481-52-5-6
    - ***NAR 0392-1994 reads:*** ***All PB/PBA lots manufactured in 1964 & 1965 to condition code Bravo - restricted to training use only. RSN: Requires excessive force to remove safety pin.***

Does this NAR apply to any of these lots?

Smoke Grenade Lot Numbering Methodology (1960-1967)

1023 - 63 - 1001

3-Character Mfg Symbol

Line

Year

Month

Lot Sequence Number

102 - Pine Bluff Arsenal (PB or PBA)
103 - Rocky Mountain Arsenal (RMA)
201 - Ordnance Products Inc. (OPI)
202 - Unidynamics (UNI)
203 - Northrup Carolina Inc. (NCI)
204 - Unidynamics/Phoenix (UNV)

* *There could be more we are not aware of.*

The year represents the **second digit** of the ***fiscal*** year.

Note: The fiscal year started in July and ran thru June in the 1960's!

For this lot number, start with the year 1966.....
Then look at the month designator.....

Month Breakdown:

1 - Jul / Aug
2 - Sep / Oct
3 - Nov / Dec

If the month designator is a **1**, **2** or **3**, then the year of manufacture/assembly will be the previous year from the one shown.

4 - Jan / Feb
5 - Mar / Apr
6 - May / Jun

If the month designator is a **4**, **5** or **6**, then the year of manufacture/assembly will be the same year as shown.

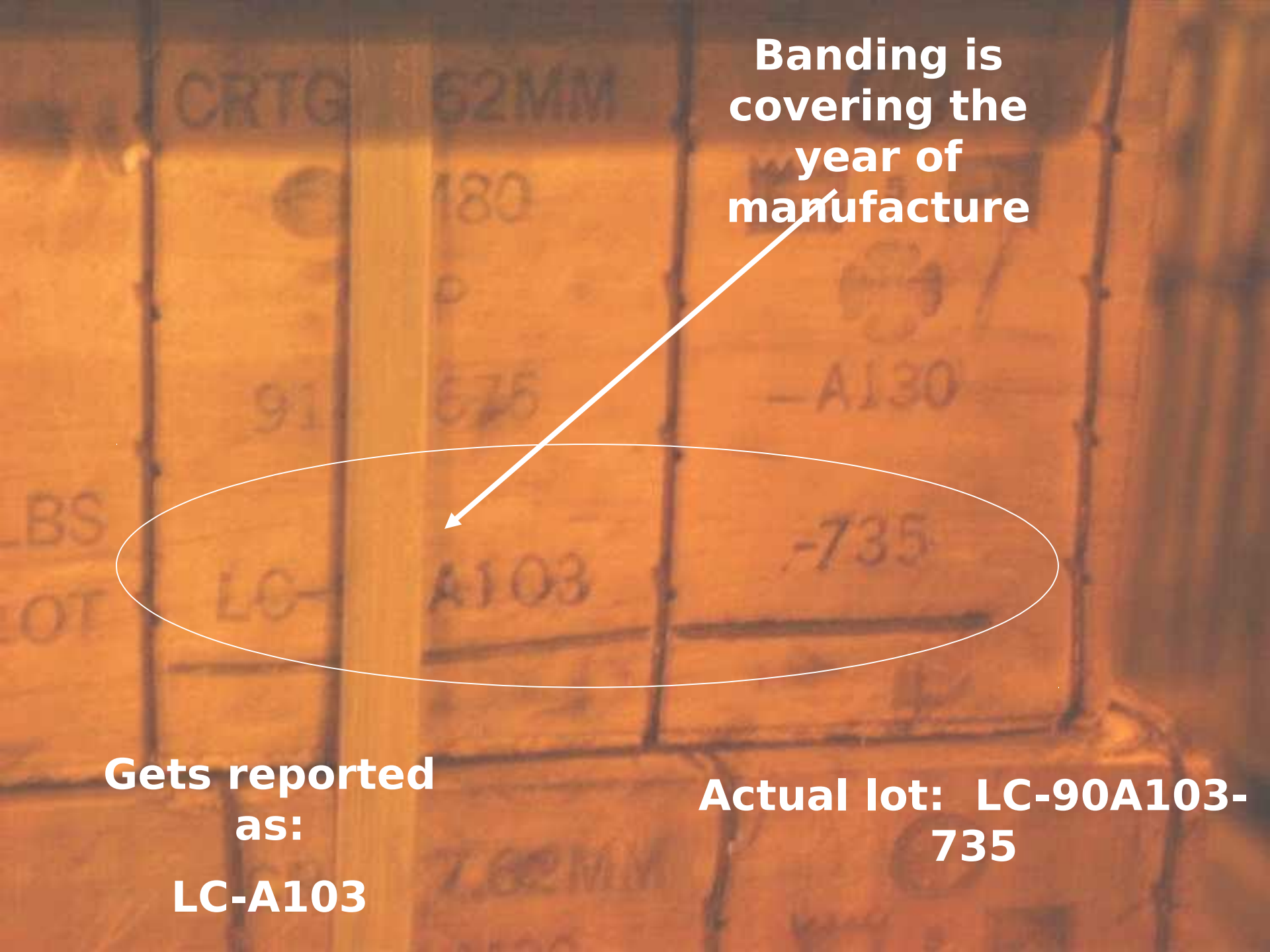
MY LOT HAS A “Y” INDICATOR – WHAT DOES THIS MEAN?

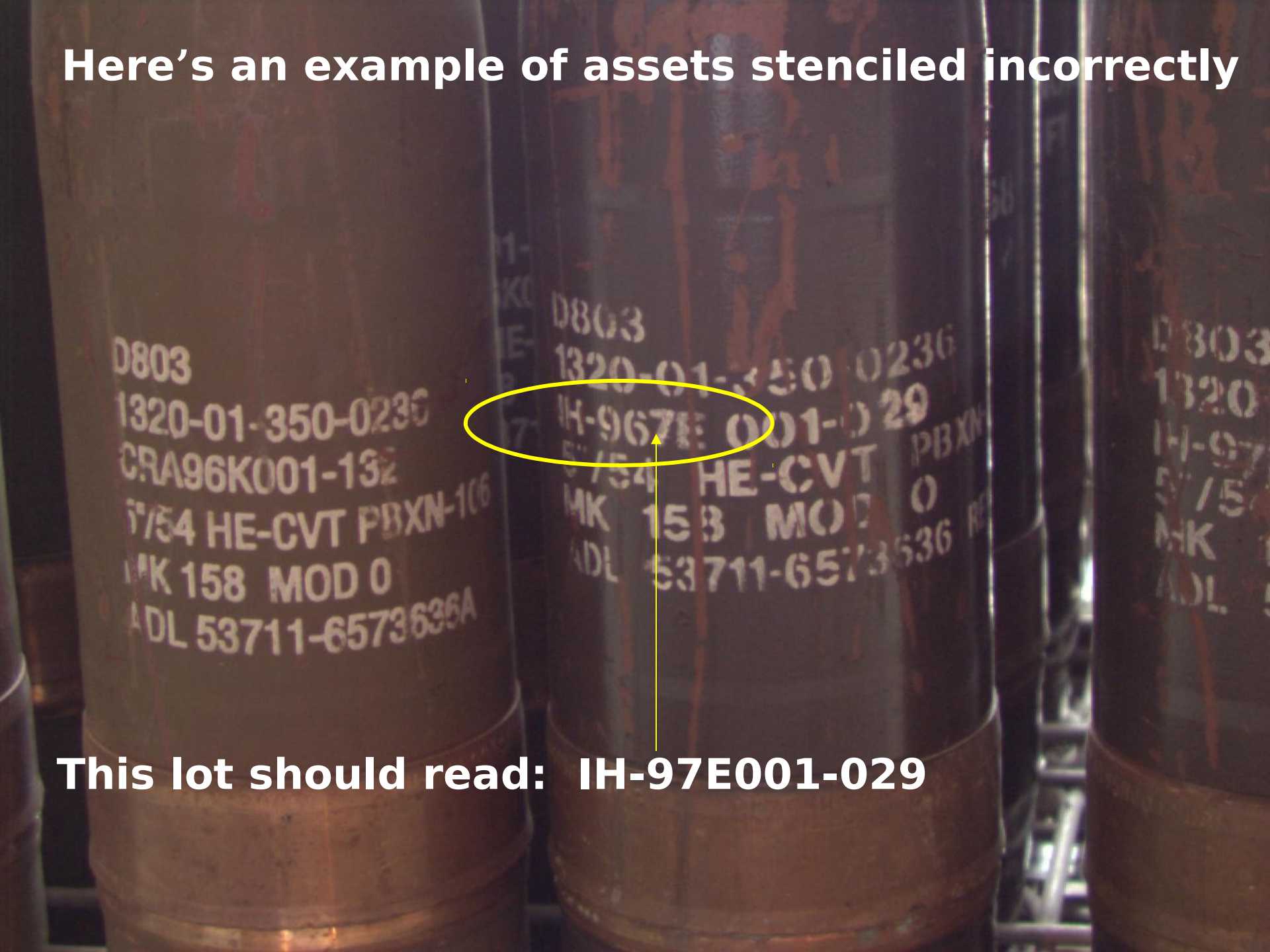
- **Material that was on the ground in Southwest Asia (SWA) during Desert Storm/Desert Shield is identified by the lot identifier code “Y”.**
  - **Examples: IND88A-G70804-Y**
  - **BWV82H012Y024**
  - **LOW89C003Y002**
  - **LOP-1-2AY**
- **The Ammunition Information Notices (AINs) give guidance as to where the “Y” is placed.**

AMMUNITION LOT NUMBER DATA INTEGRITY

It’s a safety thing!

- Common Data Integrity Errors:
- Lot number format
  - → Lot number mistyped
  - → Lot number/NSN mismatch


Banding is covering the year of manufacture
Gets reported as:
LC-A103
Actual lot: LC-90A103-735


Here’s an example of assets stenciled incorrectly
This lot should read: IH-97E001-029

CHANGES TO AMMUNITION LOT NUMBERS

- **No** ammunition lot number should be changed without proper authority such as a NAR action, weapons change/bulletin compliance or authorized maintenance action.
- This includes **not deleting or adding a dash** from the lot number when reporting it or logging it into an ammunition accounting database.
- An unauthorized change to an ammunition lot number or serial number could cause a NAR to be missed and thereby allowing for the wrong ammunition action, such as “condition code determination” to be taken.

WHEN NOT SURE CHECK THE DATA CARD

QUESTION?